



STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

Boring No.: **B-106**

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Pin No.: 13b270

Checked By: MRG

Woodford
BF010-1(52)
VT-9 BR#18

Boring Crew: GARROW, NIETO
Date Started: 9/24/15 Date Finished: 9/25/15
VTSPG NAD83: N 142332.72 ft E 1500773.74 ft
Station: 474+84 Offset: 16.50
Ground Elevation: 2221.2 ft

Casing: WB Sampler: SS
Type: WB I.D.: 4 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 45C SKID C = Unknown

Groundwater Observations		
Date	Depth (ft)	Notes
09/25/15	3.5	W.T. before drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.62		Asphalt Pavement, 0.0 ft - 0.62 ft					
0.62 - 1.3		A-1-B, GrSa, Lt/brn, Moist, Rec. = 1.3 ft	9-10-11-12 (21)	6.7	29.6	56.2	14.2
1.3 - 5.0		Field Note:, NXDC, Cleaned out casing.					
5.0 - 8.8		A-1-B, SiSaGr, brn, Moist, Rec. = 0.8 ft	16-12-12-15 (24)	10.9	40.7	35.2	24.1
8.8 - 10.0		Field Note:, NXDC, Cleaned out casing.					
10.0 - 15.0		A-1-B, SiGrSa, Lt/brn, Moist, Rec. = 0.2 ft	6-6-4-3 (10)	14.9	34.9	45.1	20.0
15.0 - 15.4		A-1-A, SaGr, blk-Dk/brn, Moist, Rec. = 0.4 ft, Lab Note: Sample contained 27.8% organics (AASHTO T-267). Broken rock was within sample.	2-1-4-5 (5)	107.0	66.4	28.2	5.4
15.4 - 16.0		A-4, SiSa, brn, Moist, Rec. = 0.6 ft, Lab Note: Sample contained a trace (<5%) organics. (AASHTO T-267)	4-3-2-5 (5)	80.8	1.4	60.9	37.7
16.0 - 17.4		A-4, SaSi, gry, Moist, Rec. = 1.4 ft	9-6-6-16 (12)	24.2	1.0	45.5	53.5
17.4 - 18.5		A-4, Si, gry, Moist, Rec. = 1.1 ft, Lab Note: Broken rock was within sample.	13-9-10-8 (19)	22.6	14.3	19.1	66.6
18.5 - 19.1		A-4, SiSa, gry, Moist, Rec. = 0.3 ft	3-3-4-3 (7)	27.0	2.2	51.9	45.9
19.1 - 20.1		Field Note:, Cleaned out casing.					
20.1 - 21.1		A-4, Si, gry, Moist, Rec. = 1.0 ft	2-3-3-4 (6)	29.2	6.2	11.0	82.8
21.1 - 22.1		A-4, Si, gry, Moist, Rec. = 1.0 ft, Lab Note: Sample tested non-plastic. A very small amount of clay was present in the sample.	9-16-R@0" (R)	24.7	5.2	5.9	88.9
22.1 - 23.1		Field Note:, Cleaned out casing.					
23.1 - 24.1		A-4, GrSi, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken rock was within sample.	13-42-R@1.5" (R)	18.5	33.1	18.0	48.9
24.1 - 25.1		Field Note:, NXDC, Cleaned out casing.					
25.1 - 30.1		A-1-B, GrSa, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken rock was within sample.		15.0	41.4	50.4	8.2
30.1 - 30.1		Hole stopped @ 30.1 ft					
		Remarks: Hole collapsed at 11.2 feet.					

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. C is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 WOODFORD BF 010-1(52).GPJ VERMONT AOT.GDT 10/27/15